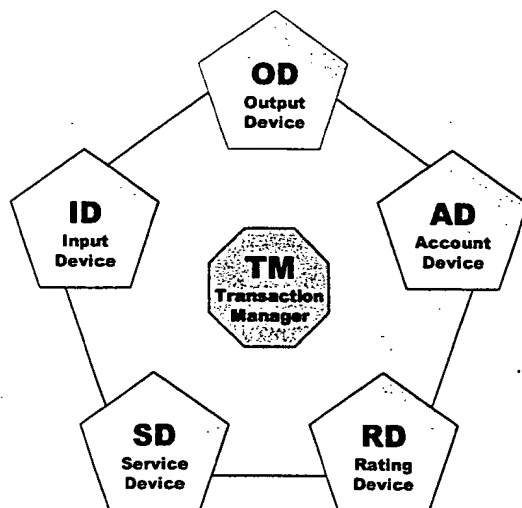


Fig. 1



- **TM : Transaction Manager**
 - Enforces transaction integrity
- **ID : Input Device**
 - Captures end-user requests
- **SD : Service Device**
 - Provides the service
- **RD : Rating Device**
 - Rates transaction
- **AD : Account Device**
 - Manages pre-paid Accounts
- **OD : Output Device**
 - Queues TDR for Business Application

Fig. 2

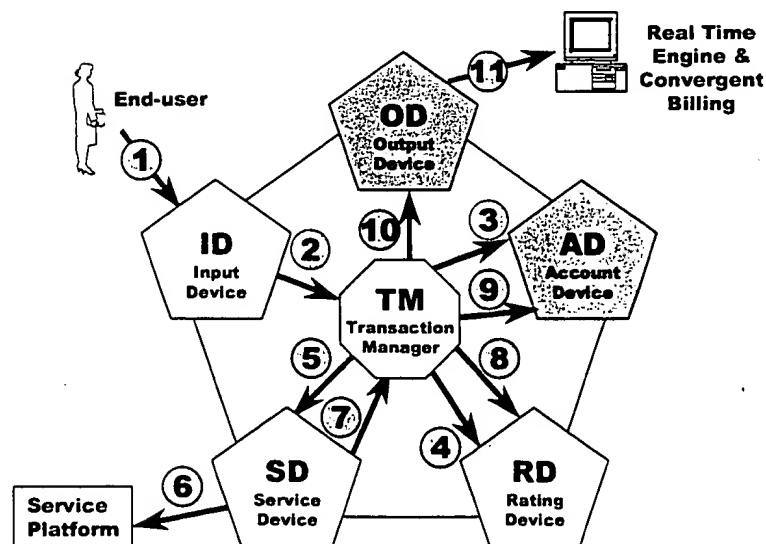


Fig. 3

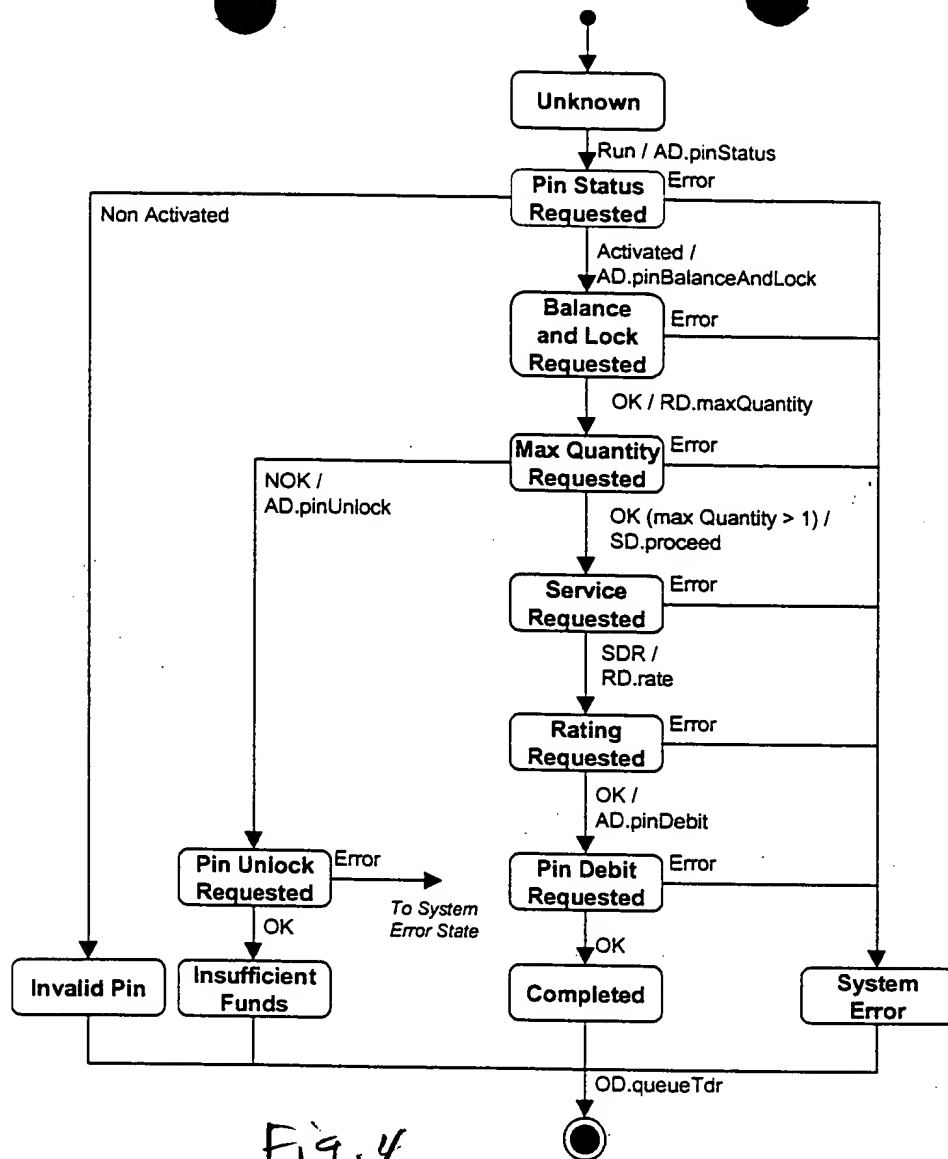
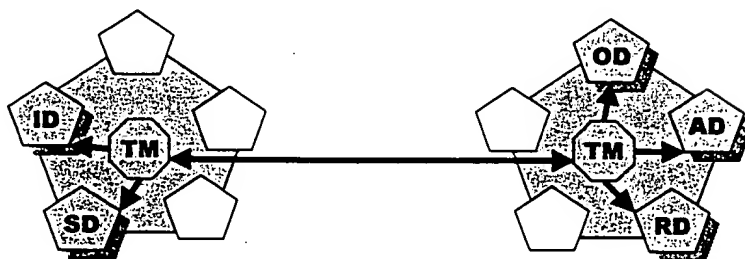


Fig. 4



Foreign TxS

Captures End User Request
Services the Request

Home TxS

Account Management
Rating
TDR Queuing

Fig. 5

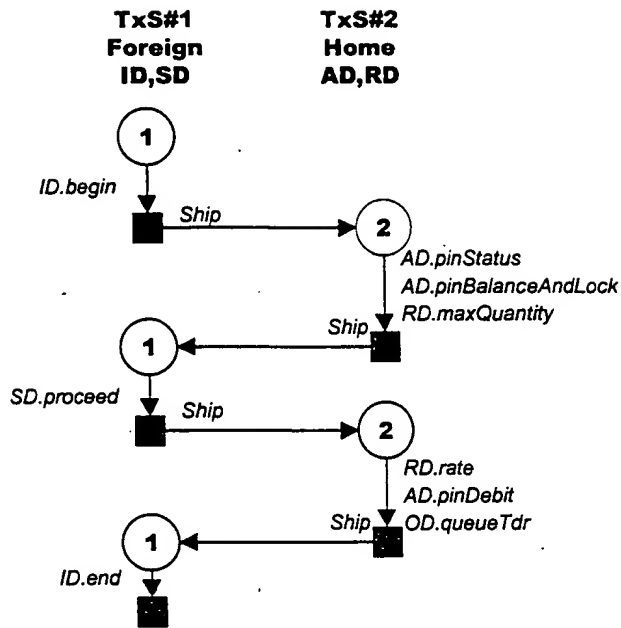


Fig. 6

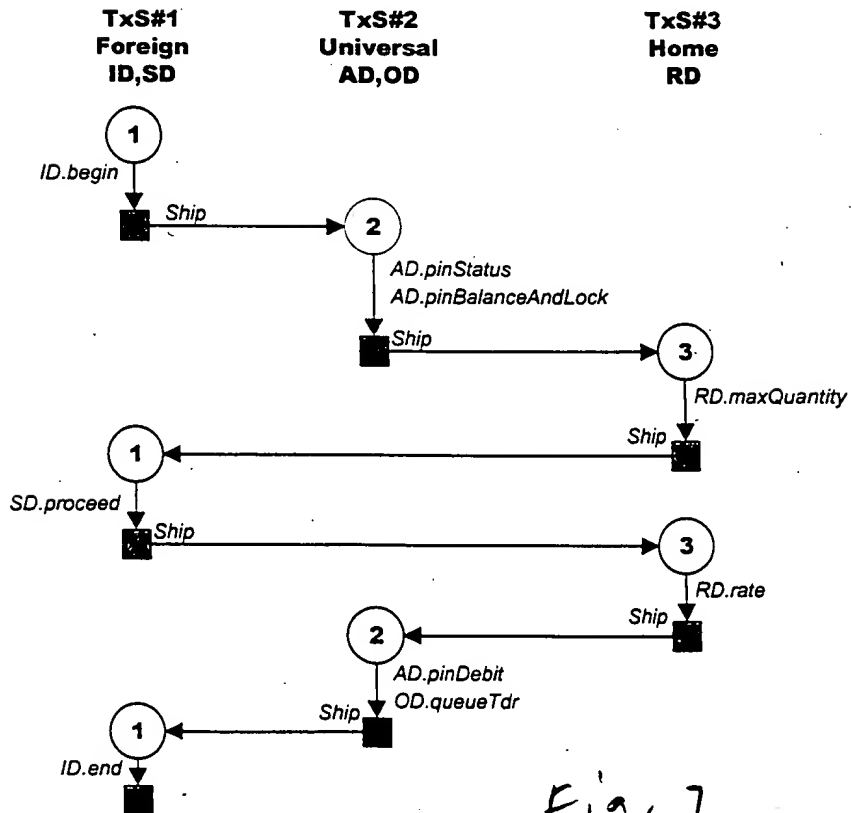


Fig. 7

- Transaction First Steps
- (1) End User Request
 - (2) Java Transaction Creation
 - (3) PIN Balance Check
 - (4) Calculate Transaction Cost
 - (5) Proceed with the transaction
 - (6) ...

HTML Page

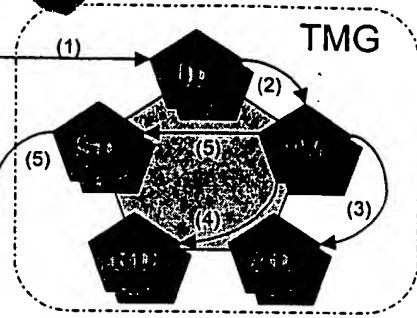


Fig. 8

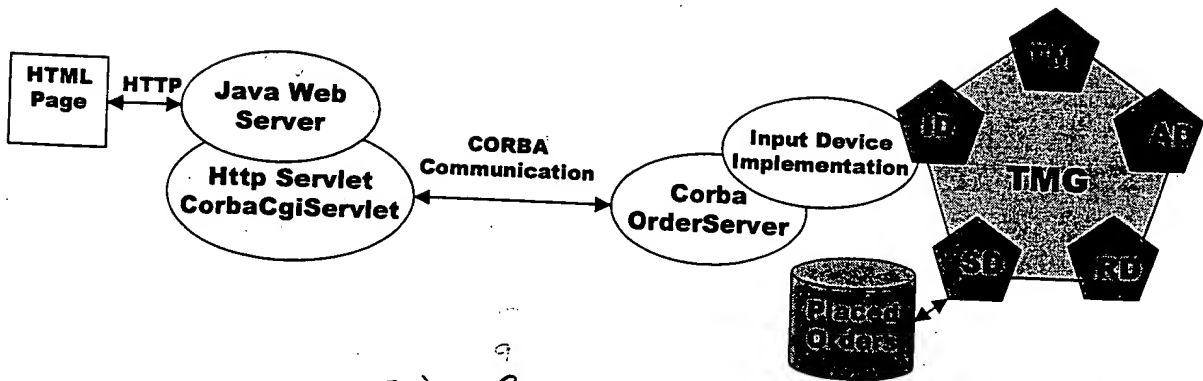


Fig 9

```
<FORM action="/servlet/CorbaCgiServlet" method="Get">
  <INPUT type=hidden name=CorbaCgiServerName value=OrderServer>
  ...
</FORM>
```

Fig. 10

```
public void doGet(HttpServletRequest req, HttpServletResponse res)
    throws ServletException, IOException
{
    String serverName = req.getParameter("CorbaCgiServerName");
    ServletOutputStream out = res.getOutputStream();
    ...
    tools.web.CorbaCgiInterface server =
        CorbaCgiInterfaceHelper.bind(tools.corba.CorbaUtil.orb(), serverName);
    ...
    String output = server.exec(req.getQueryString());
    res.setContentType("text/html");
    out.println(output);
}
```

Fig. 11

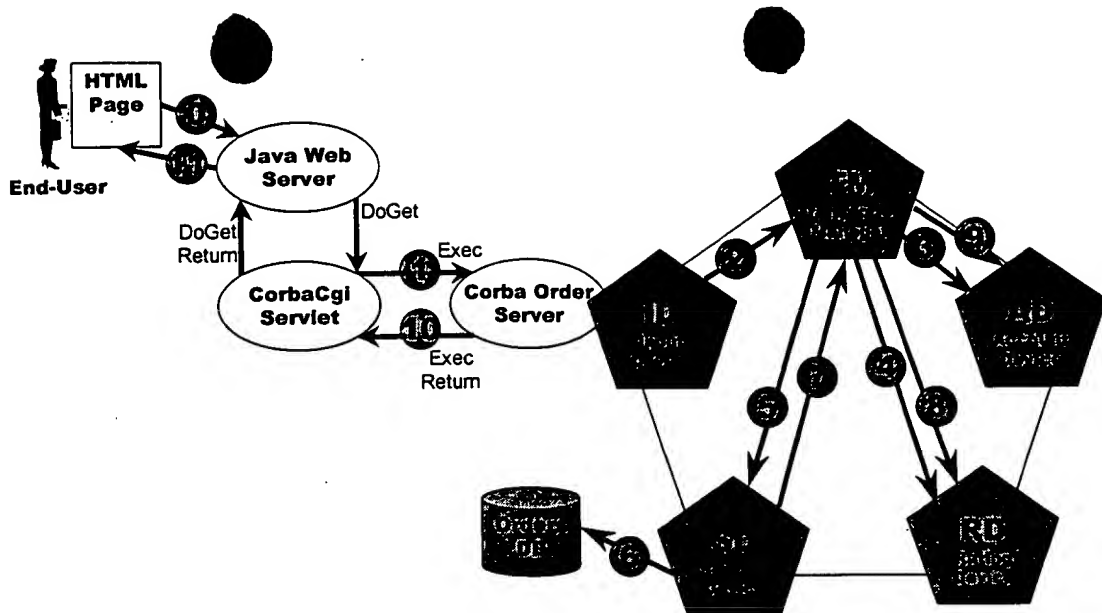


Fig. 12

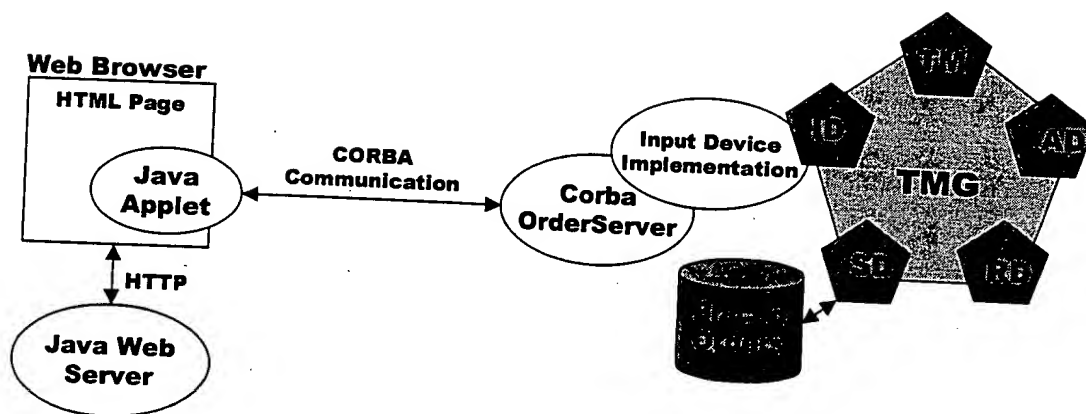


Fig. 13

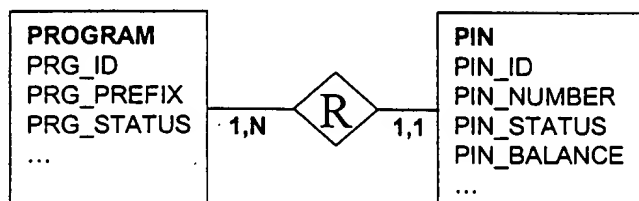


Fig. 14

1. **THE COURT.** The Court is now in session. All persons entering the courtroom must remain silent and refrain from any conversation, movement, or other conduct that might distract the attention of the Court or the jury. The Court will now proceed to hear the case.



FORTÉ

Fig. 15

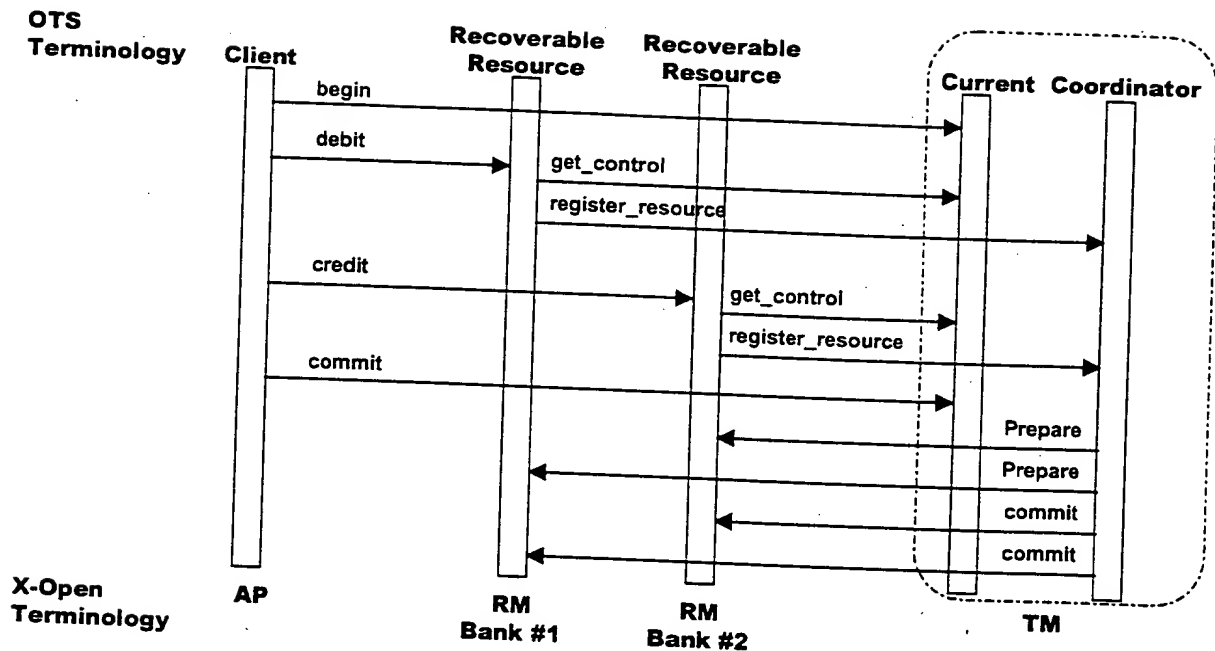


Fig. 16

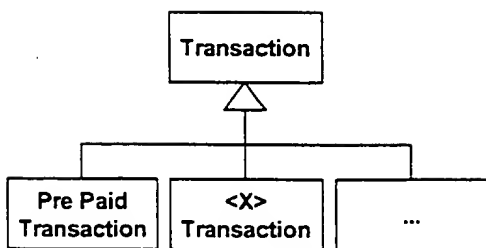


Fig. 17

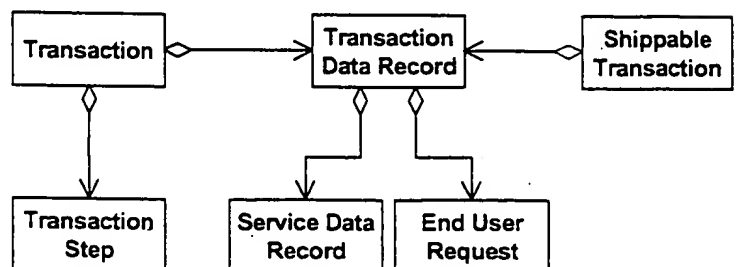


Fig. 18

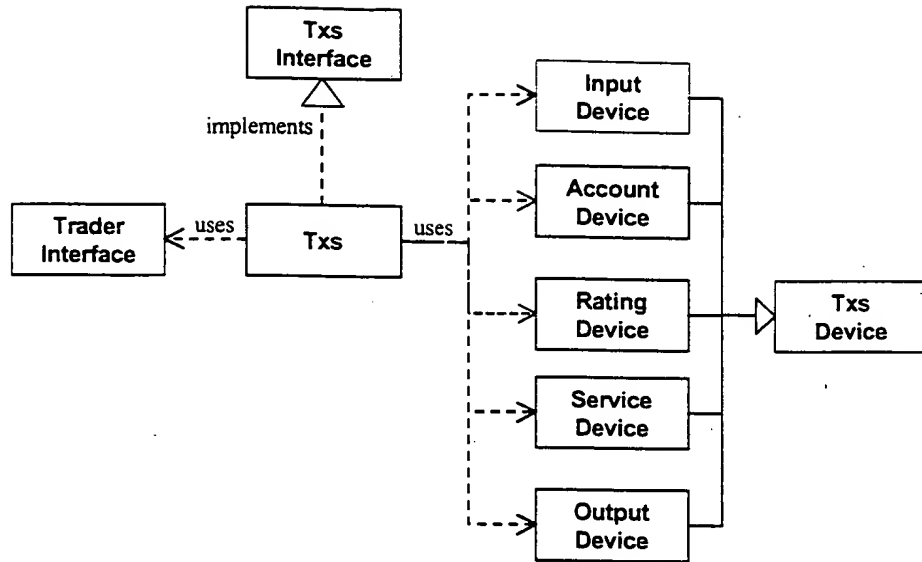


Fig. 19

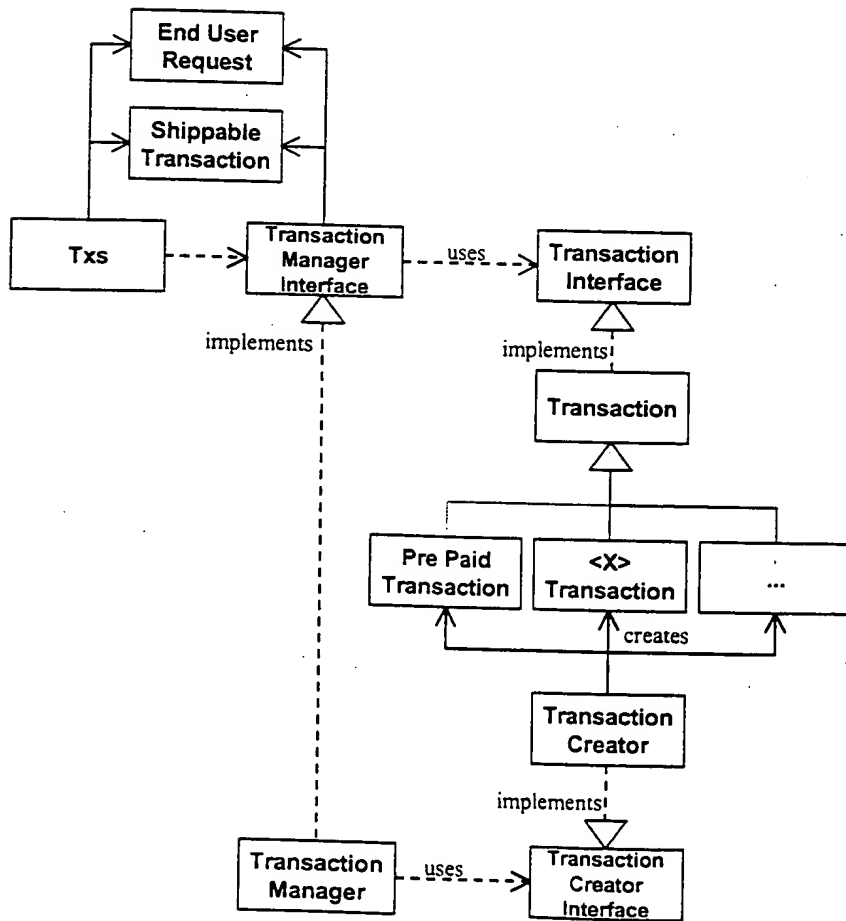


Fig. 20

